

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048054.D
 Acq On : 14 Apr 2022 13:39
 Operator : SY/MD
 Sample : N2386-15DL 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J39DL

Quant Time: Apr 15 02:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

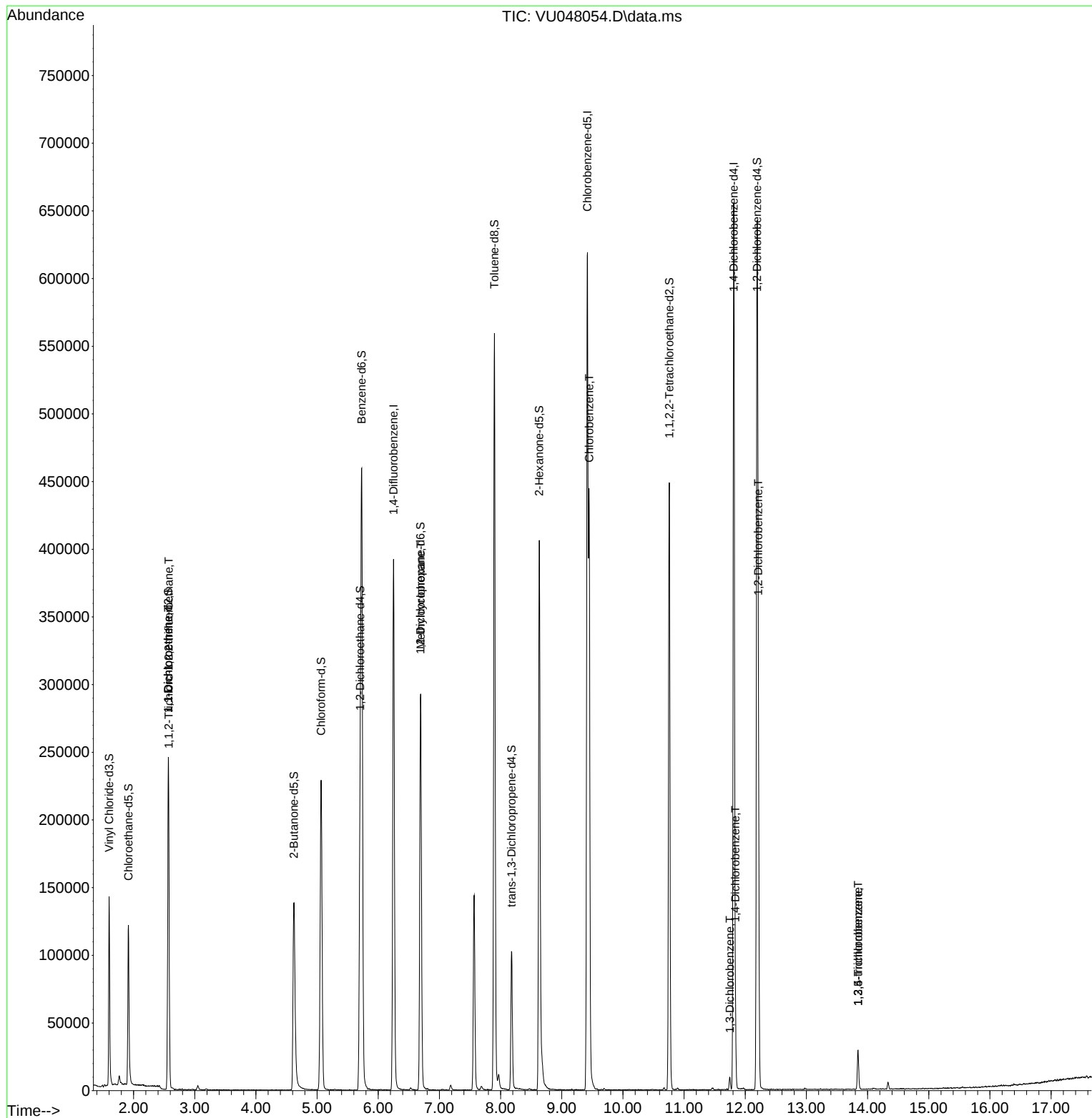
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	334852	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	361902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102651	42.274	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.540%	
7) Chloroethane-d5	1.916	69	94582	49.399	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.568	63	139525	31.406	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.820%	
21) 2-Butanone-d5	4.620	46	203449	97.615	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.610%	
24) Chloroform-d	5.067	84	216927	48.824	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.640%	
26) 1,2-Dichloroethane-d4	5.703	65	140537	51.573	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.140%	
32) Benzene-d6	5.729	84	431979	47.436	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.880%	
36) 1,2-Dichloropropane-d6	6.690	67	144234	51.573	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.140%	
41) Toluene-d8	7.899	98	375368	42.307	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.620%	
43) trans-1,3-Dichloroprop...	8.179	79	58967	41.618	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.240%	
47) 2-Hexanone-d5	8.632	63	143743	87.799	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.800%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	224219	46.716	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.440%	
66) 1,2-Dichlorobenzene-d4	12.195	152	166261	50.945	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.900%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1329	0.538	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1187	0.517	ug/L #	1
35) Methylcyclohexane	6.694	83	33293	7.969	ug/L #	21
51) Chlorobenzene	9.449	112	232827	29.833	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	4288	0.778	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	19291	3.380	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	102853	18.654	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	10792	2.412	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	10792	2.753	ug/L	98

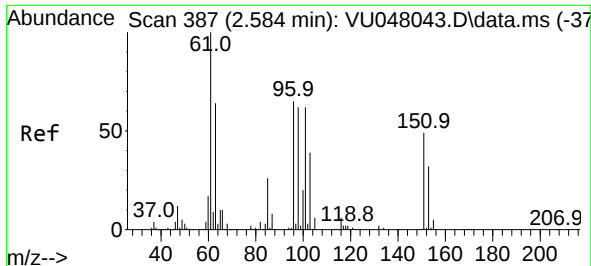
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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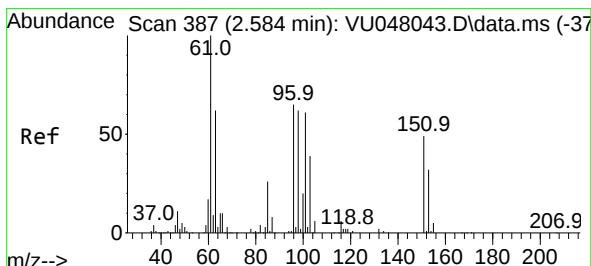
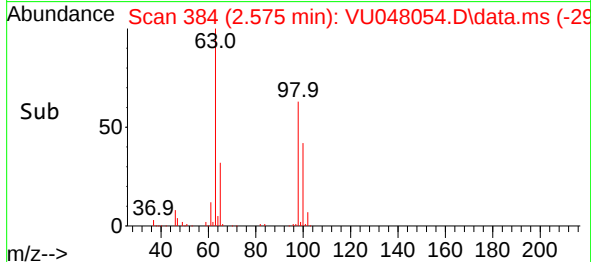
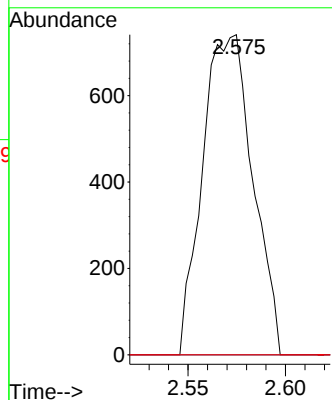
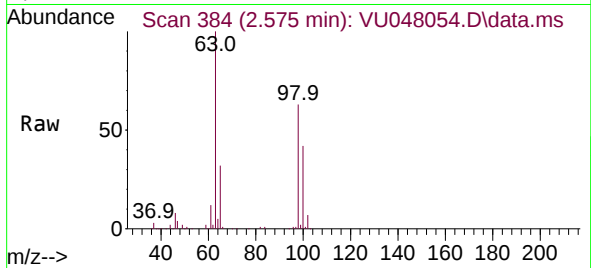




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.538 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU048054.D
Acq: 14 Apr 2022 13:39

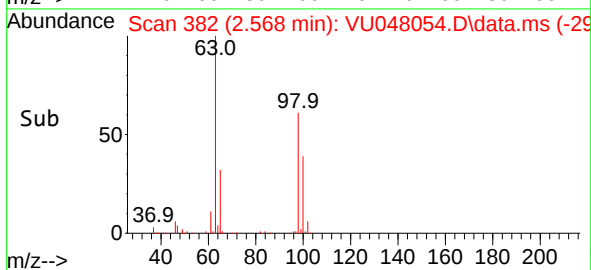
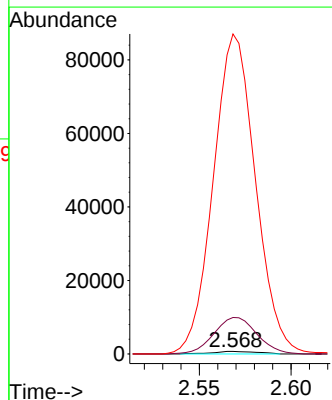
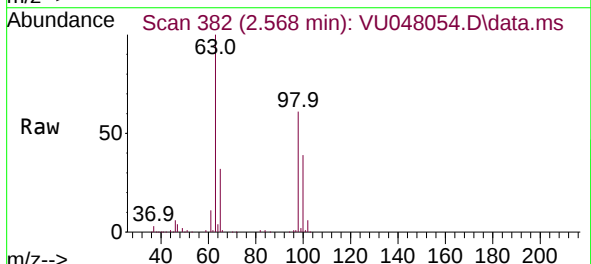
Instrument :
MSVOA_U
ClientSampleId :
C0J39DL

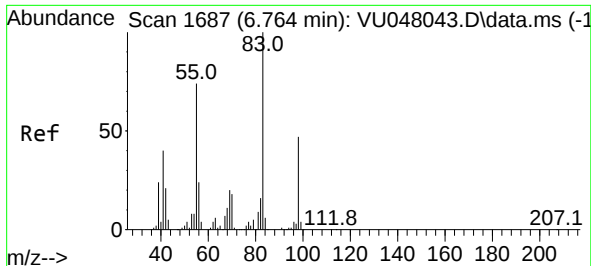
Tgt Ion:101 Resp: 1329
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.517 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU048054.D
Acq: 14 Apr 2022 13:39

Tgt Ion: 96 Resp: 1187
Ion Ratio Lower Upper
96 100
61 1423.9 113.1 210.1#
63 12472.2 94.8 176.0#

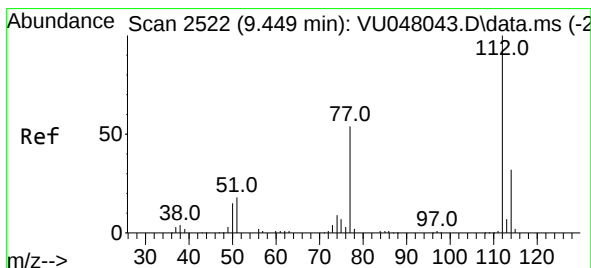
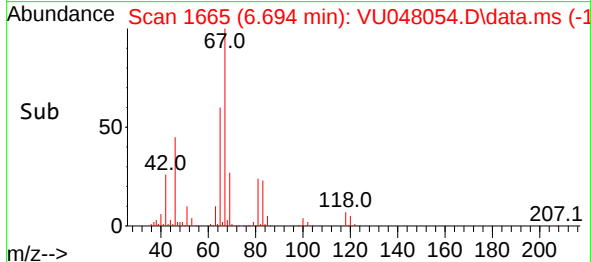
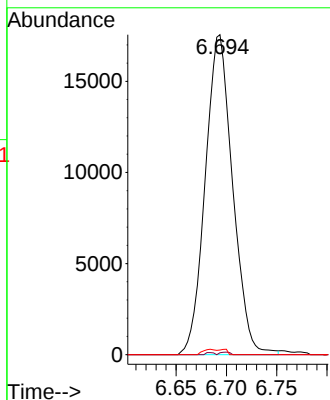
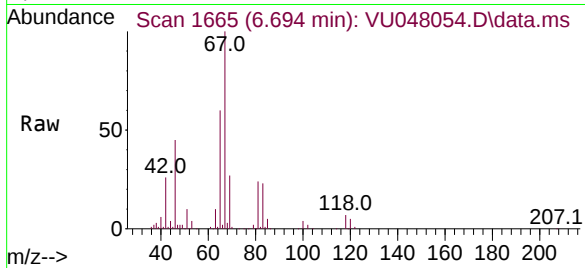




#35
Methylcyclohexane
Concen: 7.969 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU048054.D
Acq: 14 Apr 2022 13:39

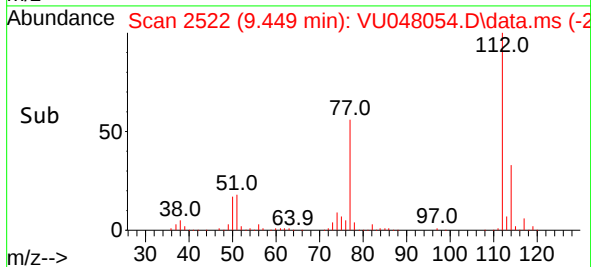
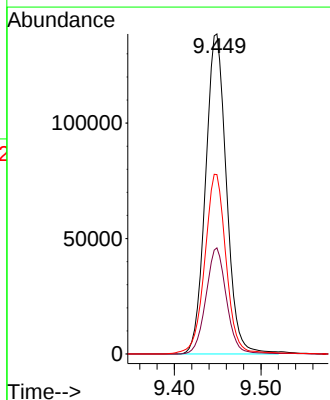
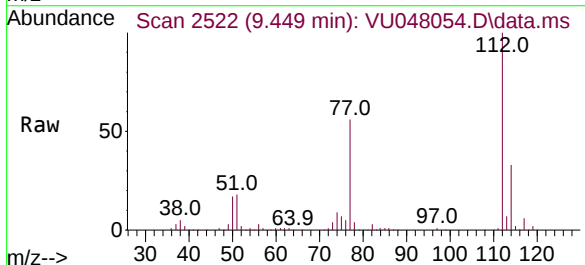
Instrument :
MSVOA_U
ClientSampleId :
C0J39DL

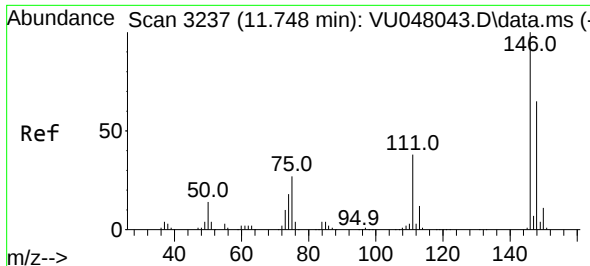
Tgt Ion: 83 Resp: 33293
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 0.5 38.1 57.1#



#51
Chlorobenzene
Concen: 29.833 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048054.D
Acq: 14 Apr 2022 13:39

Tgt Ion: 112 Resp: 232827
Ion Ratio Lower Upper
112 100
114 33.1 22.1 41.1
77 56.0 43.4 65.0

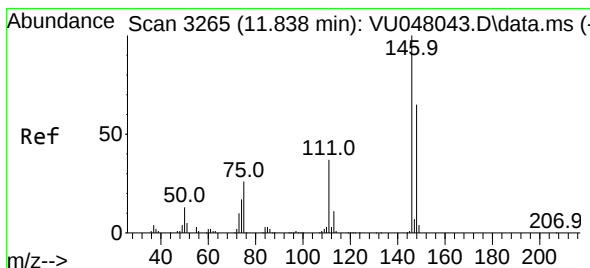
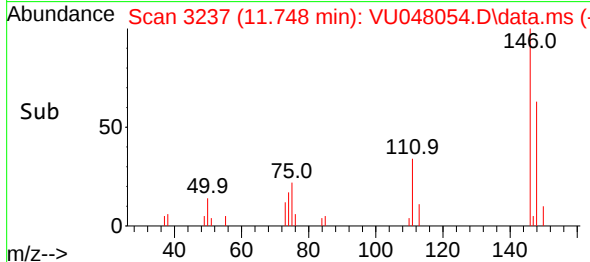
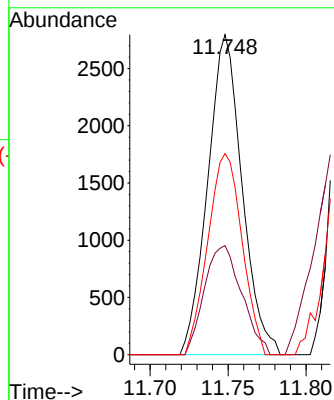
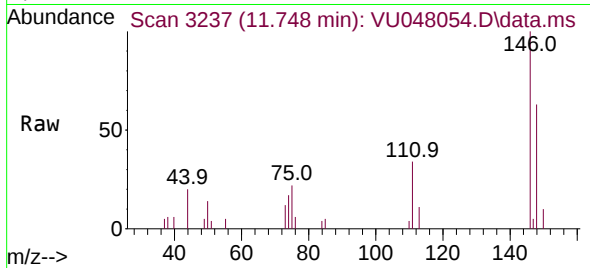




#64
1,3-Dichlorobenzene
Concen: 0.778 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048054.D
Acq: 14 Apr 2022 13:39

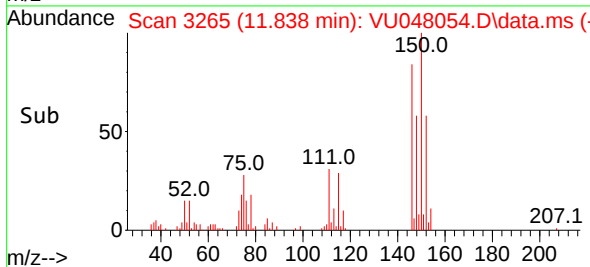
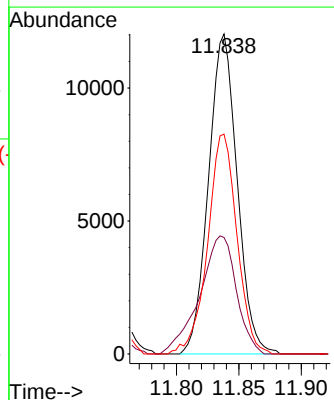
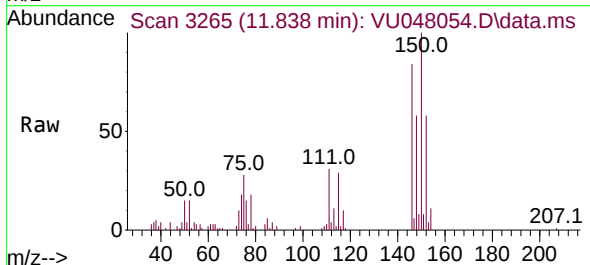
Instrument :
MSVOA_U
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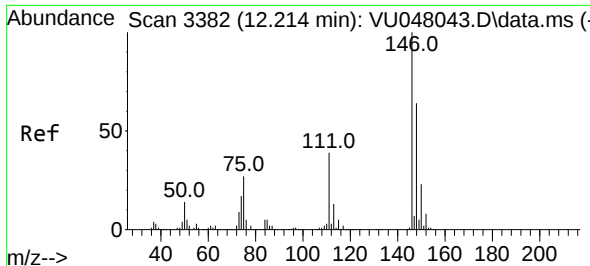
Tgt Ion:146 Resp: 4288
Ion Ratio Lower Upper
146 100
111 34.1 26.7 49.7
148 62.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 3.380 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048054.D
Acq: 14 Apr 2022 13:39

Tgt Ion:146 Resp: 19291
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 68.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 18.654 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048054.D

Acq: 14 Apr 2022 13:39

Instrument :

MSVOA_U

ClientSampleId :

C0J39DL

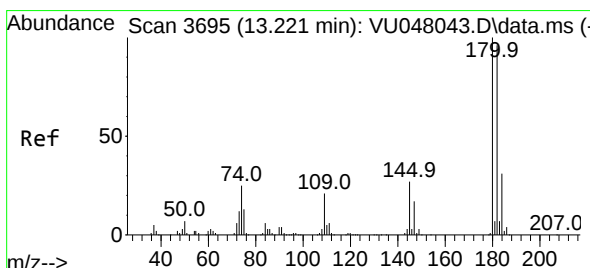
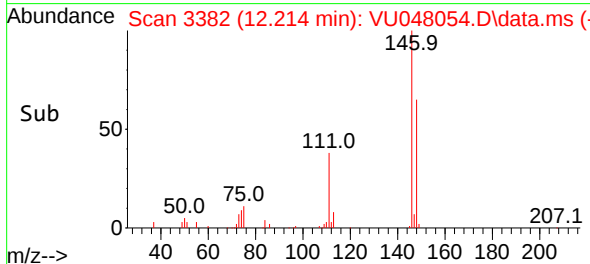
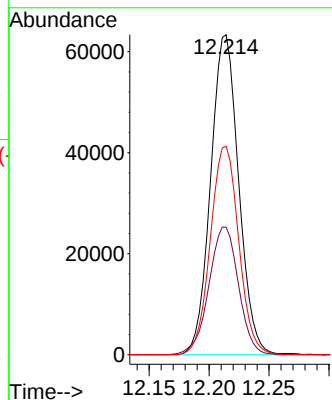
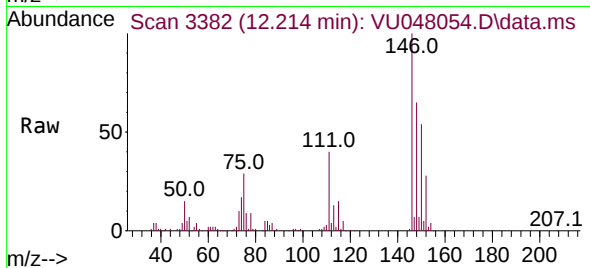
Tgt Ion:146 Resp: 102853

Ion Ratio Lower Upper

146 100

111 39.9 31.7 47.5

148 65.1 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 2.412 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU048054.D

Acq: 14 Apr 2022 13:39

Tgt Ion:180 Resp: 10792

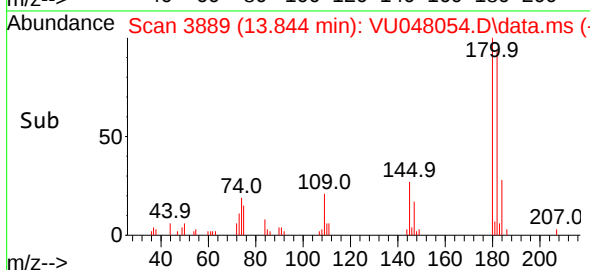
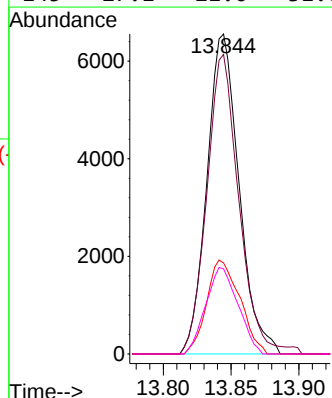
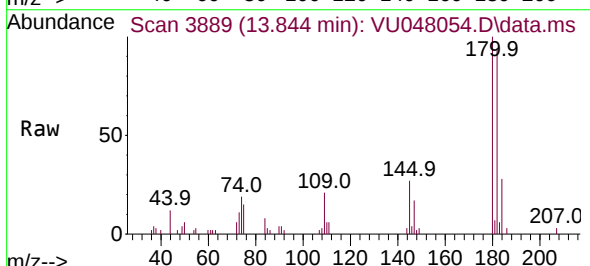
Ion Ratio Lower Upper

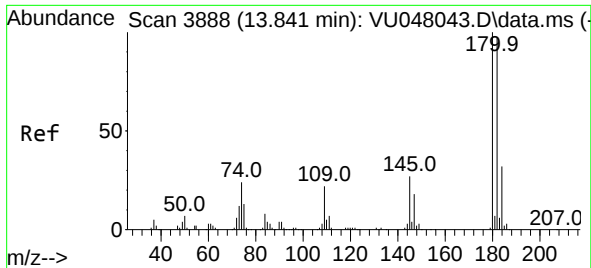
180 100

182 93.1 77.0 115.6

184 30.3 24.5 36.7

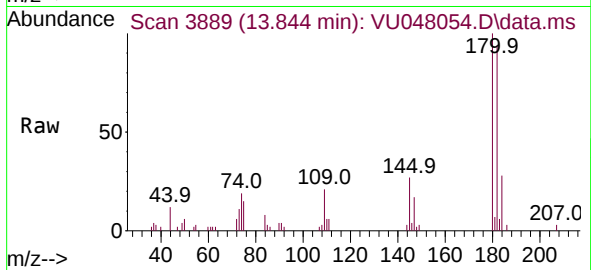
145 27.1 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.753 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048054.D
 Acq: 14 Apr 2022 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J39DL



Tgt Ion:	180	Resp:	10792
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.2	114.2
145	27.1	21.8	32.8

